

**METHOD AND APPARATUS FOR IMPROVING POWER
EFFICIENCIES OF COMPUTER SYSTEMS**

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ABSTRACT OF THE DISCLOSURE

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An assembly (and method) including at least one microprocessor, includes a mechanism for recycling heat generated by at least one microprocessor to energy, and a mechanism for directing the heat from the at least one microprocessor to the mechanism for recycling heat. The energy generated by the mechanism for recycling the heat can be used to cool the at least one microprocessor or to supply an electric power grid.

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